

Amended

connectors is a plug connector and the other coaxial connector is a jack connector.

7. (Amended) The noise elimination device according to [any of Claims 1, 3 and 5,] Claim 1, wherein the housing is substantially tube-shaped and the two ends of the housing are insulated from one another.

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9. (Amended) The noise elimination device according to [any of Claims 1, 3 and 5,] Claim 1, wherein the two coaxial connectors are formed each in independent housings, the two housings are connected with a coaxial cable, and the coil is provided in one of the two housings.

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12. (Amended) The noise elimination device according to Claim [6] 84, wherein the first and the second coil are made by serially winding around two ferrite cores, wherein one ferrite core is a closed magnetic ferrite core and the other ferrite core is an open magnetic ferrite core.

13. (Amended) The noise elimination device according to Claim [7] 86, wherein the first and the second coil are made by serially winding around two ferrite cores, wherein one ferrite core is a closed magnetic ferrite core and the other ferrite core is an open magnetic ferrite core.

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15. (Amended) The noise elimination device according to Claim [9] 89, wherein the first and the second coil are made by serially winding around two ferrite cores, wherein one ferrite core is a closed magnetic ferrite core and the other ferrite core is an open magnetic ferrite core.

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18. (Amended) The noise elimination device according to Claim [6] 84, wherein a conductor of the first coil is made of a center conductor and a conductor of the second coil is made of an outer conductor covering the center conductor, so that the coil conductors are arranged as a coaxial cable.

19. (Amended) The noise elimination device according to Claim [7] 86, wherein a conductor of the first coil is made of a center conductor and a conductor of the second coil is made of an outer conductor covering the center conductor, so that the coil conductors are arranged as a coaxial cable.

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21. (Amended) The noise elimination device according to Claim [9] 88, wherein a conductor of the first coil is made of a center conductor and a conductor of the second coil is made of an outer conductor covering the center conductor, so that the coil conductors are arranged as a coaxial cable.

30. (Amended) The noise elimination device according to Claim [6] 84, wherein the ferrite core orthogonally intersects with a substrate, and the coil is formed by pattern formation of a coil conductor on the substrate in a shape that is wound around the ferrite core.

31. (Amended) The noise elimination device according to Claim [7] 86, wherein the ferrite core orthogonally intersects with a substrate, and the coil is formed by pattern formation of a coil conductor on the substrate in a shape that is wound around the ferrite core.

33. (Amended) The noise elimination device according to Claim [9] 88, wherein the ferrite core orthogonally intersects with a substrate, and the coil is formed by pattern formation of a coil conductor on the substrate in a shape that is wound around the ferrite core.

41. (Amended) The noise elimination device according to [any of Claims 3 and 5,] Claim 3, further comprising a transformer connected in series to the coil.

42. (Amended) The noise elimination device according to Claim [6] 83, further comprising a transformer connected in series to the coil.

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43. (Amended) The noise elimination device according to Claim [7] 85, further comprising a transformer connected in series to the coil.

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45. (Amended) The noise elimination device according to Claim [9] 87, further comprising a transformer connected in series to the coil.

Please add new Claims 83-89 as follows:

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83. The noise elimination device according to Claim 3, wherein one of the coaxial connectors is a plug connector and the other coaxial connector is a jack connector.

84. The noise elimination device according to Claim 5, wherein one of the coaxial connectors is a plug connector and the other coaxial connector is a jack connector.

85. The noise elimination device according to Claim 3, wherein the housing is substantially tube-shaped and the two ends of the housing are insulated from one another.

86. The noise elimination device according to 5, wherein the housing is substantially tube-shaped and the two ends of the housing are insulated from one another.